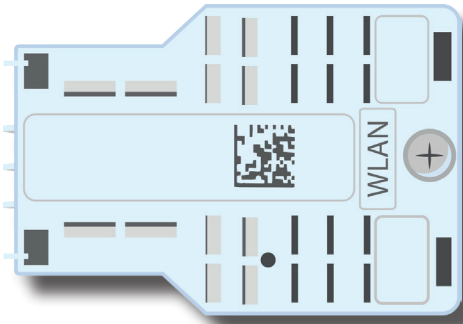


WWB100 W PANEL WLAN MODULE

DOC. - REF. 210-WWB
VERSION : AUGUST 2015
COMPATIBILITY : W & WIP SERIES
FIRMWARE VERSION : 07.00.XX.XXX AND LATER



The WWB100 WLAN module is a WLAN receiver compatible with the W and WIP Videofied® alarm panels.

The WWB100 module allows W & WIP control panels to transmit through the local Wi-Fi network in addition to other medias.

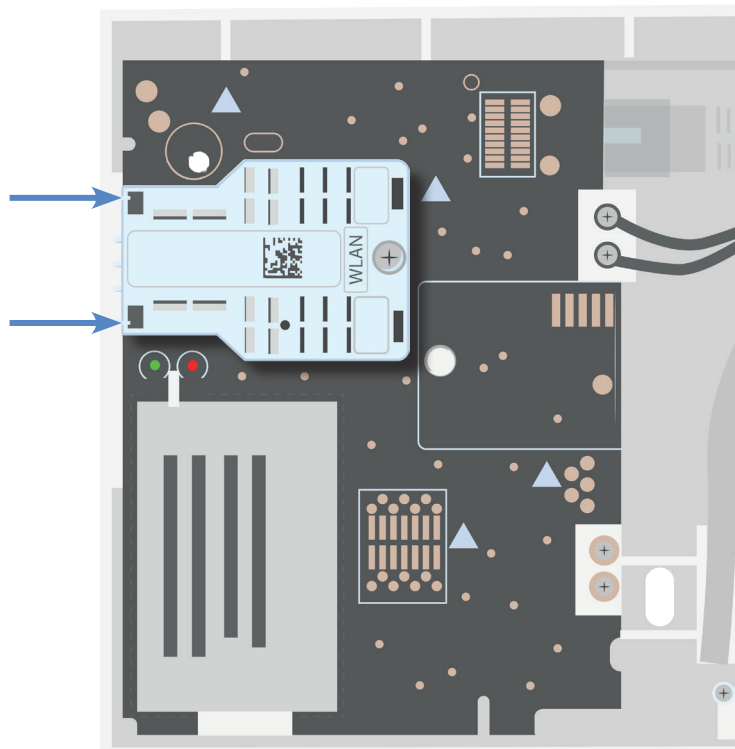
This module enable a third communication channel to transmit alarms, videos, photos and information to the security servers or the App server.

Installing the WWB100 module on the W panel

- 1 Unplug battery and mains power from W panel.

Installing the WWB module when the panel is powered can deteriorate the system.

- 2 Install the module on the WLAN location by sliding it from left to right as shown below. Then tighten the module screw.
- 3 Power the W panel and connect the battery. The WWB100 green LED should blink every 3 seconds, indicating good operation.

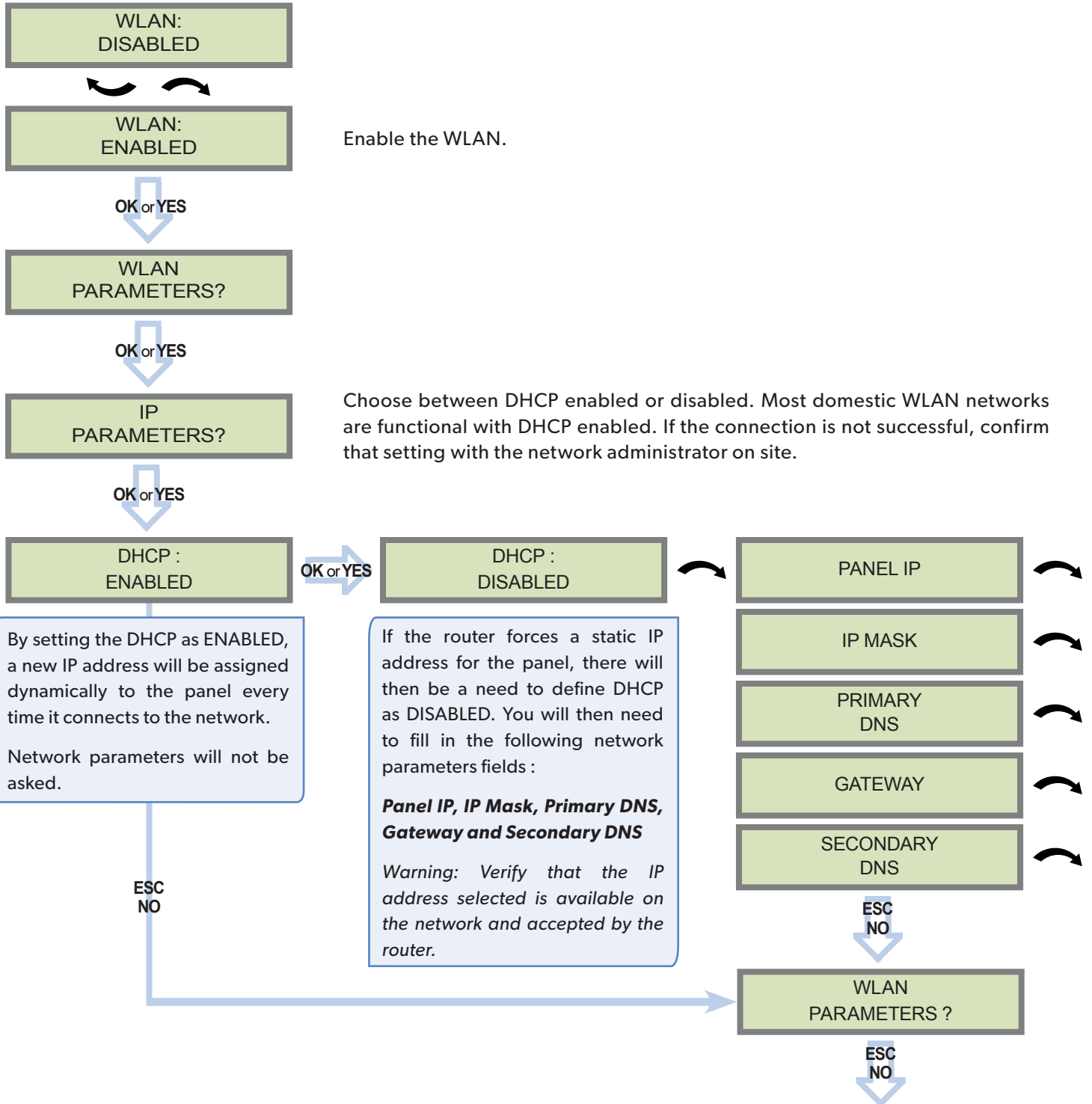


WLAN module installation

WWB100 W PANEL WLAN MODULE

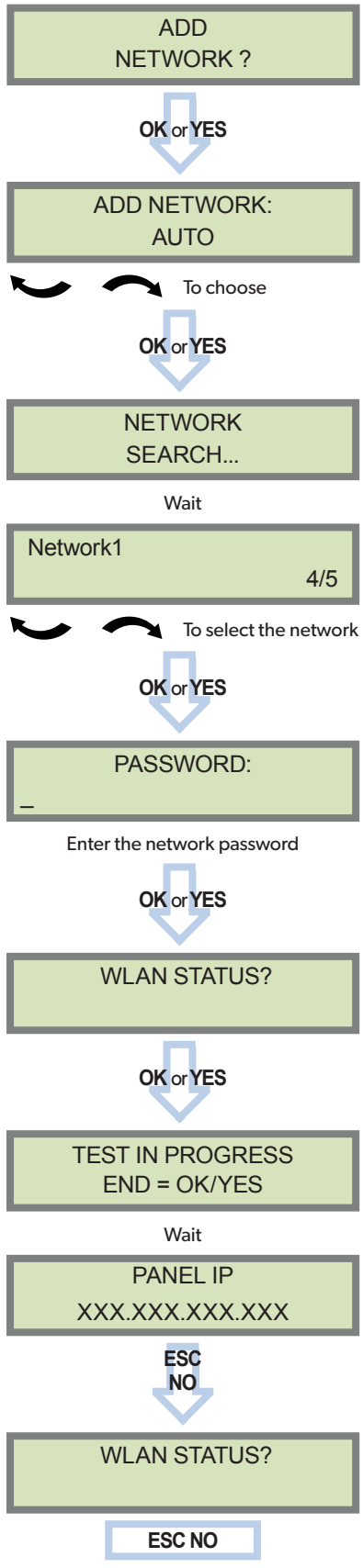
Setting up the WLAN connection during initial configuration

During initial configuration, just after setting up 2G3G and Ethernet parameters, the following screen appears :



WWB100 W PANEL WLAN MODULE

Once the DHCP setup is confirmed, the following screen appears :



Please choose between :

AUTO: The WWB100 scans automatically every WLAN network available and displays them for selection.

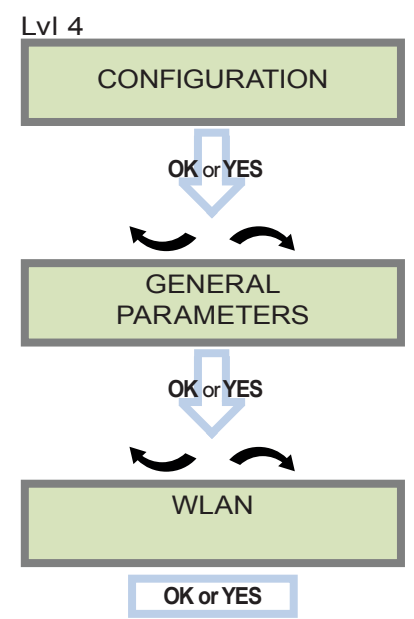
WPS: The WWB100 only scans the available WPS networks and displays them for selection.

MANUAL: The WWB100 does not scan for networks and the user must enter the network ID (SSID) to connect.

WWB100 W PANEL WLAN MODULE

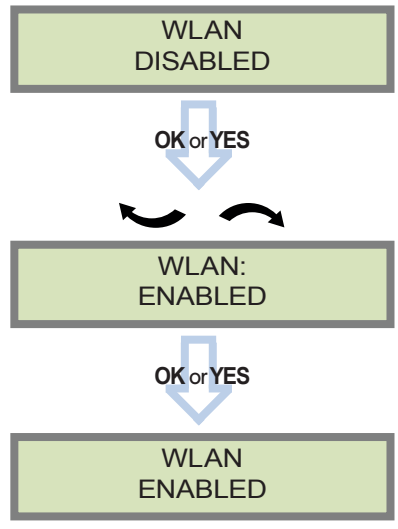
Setting up the WLAN connection on an operating panel

After installing the WWB100 module on a panel that is already installed, you can access the WLAN menu through CONFIGURATION as shown here on the right.

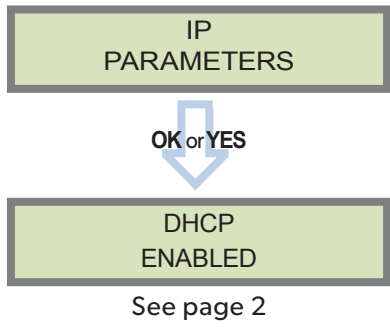


WLAN Menu

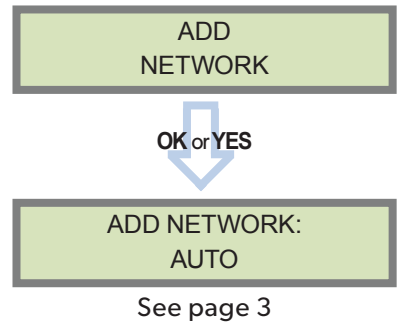
1. Enable WLAN



2. Set the IP parameters



3. Add a network



4. Constant WLAN



Three options are available:

1. **“Auto” Mode** - We recommend this mode. If main powered, the panel will be connected constantly to the local Network. In case of an alarm, the alarm will be sent in few seconds to the monitoring station.

When the main power is cut, the Ethernet module will switch off after a delay (DELAY BEFORE OFF – 30 by default) in order to save battery life. In case of an alarm, the panel will at first connect to the local Network. It adds few seconds to the total process of sending an alarm.

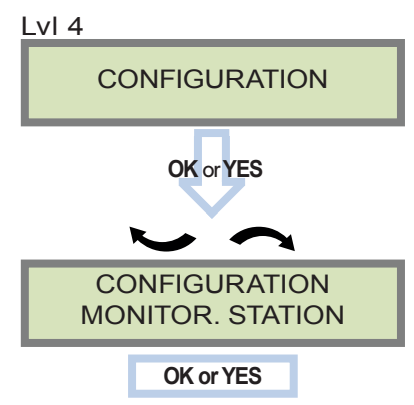
2. **“ON” Mode** - The panel will be connected constantly to the local Network. This option will impact back-up battery life.

3. **“OFF” Mode** - For each transmission of alarm and video, the panel will connect to the local Network.

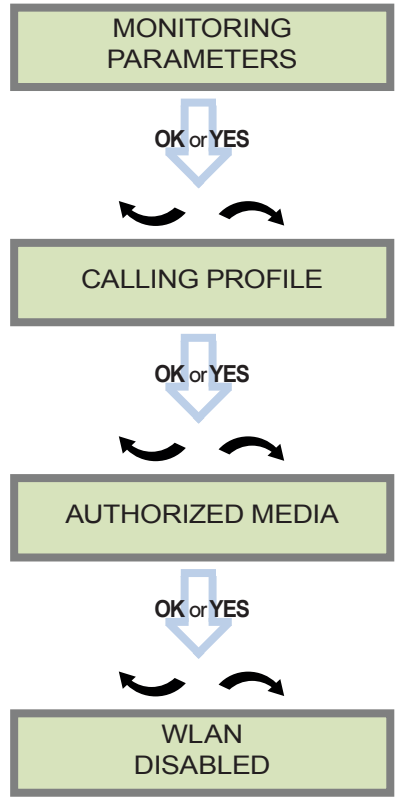
WWB100 W PANEL WLAN MODULE

Enable WLAN transmission for each functionality

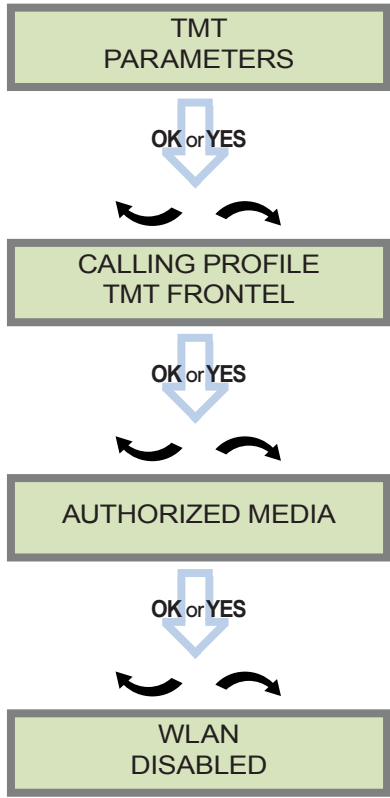
After installation and setup, WLAN shall be enabled on each functionality currently in use (Monitoring, TMT and App).



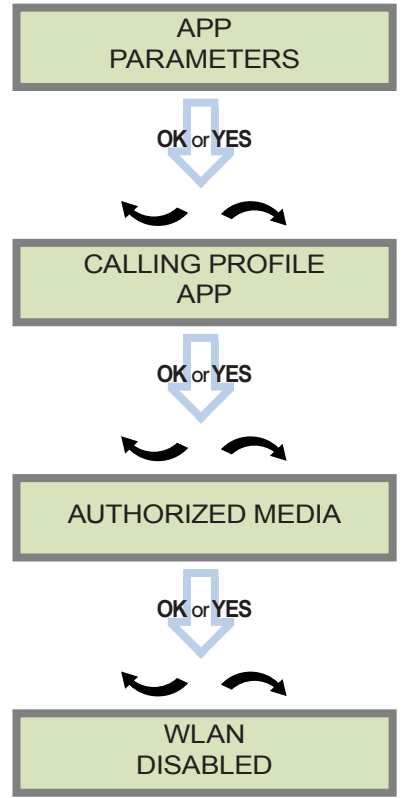
1. Monitoring



2. TMT



3. App



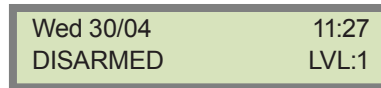
Enable WLAN for each functionality currently in use.

WWB100 W PANEL WLAN MODULE

WLAN maintenance codes

In order to confirm panel transmission through WLAN, different maintenance codes are available.


To use a maintenance code, enter the code when the keypad displays the following screen :



999980 + OK/YES	WLAN network name (SSID) the panel is connected to.
999981 + OK/YES	WLAN module MAC address
999982 + OK/YES	WLAN module IP address
999983 + OK/YES	WLAN Alarm test to the monitoring station IP1/DNS1
999984 + OK/YES	WLAN remote maintenance request
999985 + OK/YES	WLAN app server connection

Technical specifications

Physical Properties	
Dimensions	38.3 mm x 56 mm x 16.8 mm
Operating temperature	-10°/+55°C
Humidity	75% without condensing
Radio Properties	
Operating frequency	2.4GHz to 2.497GHz
WLAN transmission	802.11 b/g/
Channels	13 channels 11 channels (North America)
Encryption security	WPA / WPA2, CCMP (AES), TKIP

Standards and Certifications	
Europe	
USA	
Canada	IC qualified

EMEA SALES

23, avenue du Général Leclerc
 92340 BOURG-LA-REINE
 FRANCE
 E-Mail : emeasales@rsivideotech.com

North American Headquarters

1375 Willow Lake Blvd, Suite 103
 Vadnais Heights, MN 55110
 USA
 E-Mail : usasales@rsivideotech.com

